

Samp_No	LocationDescription	Units	SampleDate	Aluminum	Aluminum, Dissolved	Antimony	Antimony, Dissolved	Arsenic	Arsenic, Dissolved	Barium	Barium, Dissolved	Beryllium	Beryllium, Dissolved	Cadmium	Cadmium, Dissolved	Calcium
CC03B_082215	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	8/22/15	1800	1500	0.4 U	0.4 U	0.37 U	0.37 U	29 J+	28 J+	0.49	0.47	12 J+	12 J+	83000 J+
CC03B_090315	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	9/3/15	2400 ^	1700	0.4 U	0.4 U	0.81 J	0.67 J	30	28	0.49	0.47	13	13	96000
GKMSW09_081015	Gold King Adit	ug/L	8/10/15	38000	35000 J-	4.3	0.5 J-	49	3.7 J-	9.5	8.9 J-	11	11 J-	67	65 J-	380000
GKMSW09_081315	Gold King Adit	ug/L	8/13/15	36000	36000	9.4	10	130	140	11	12	11	11	68	66	380000
GKMSW09_081515	Gold King Adit	ug/L	8/15/15	33000	34000	0.62 J	3.7	5.5	44	8.7	8.6	11	11	85	82	380000
GKMSW09_081715	Gold King Adit	ug/L	8/17/15	33000	33000	3.1 J	2 U	28	1.9 U	8 J	8.1 J	5	0.75 U	73	74	360000
CC06_081915	Gold King Adit	ug/L	8/19/15	33000	32000	3.7	0.69 J	49	6.6	8.8	9.3	8.6 ^	8.5 ^	79	83	370000
CC06_082215	Gold King Adit	ug/L	8/22/15	33000	32000	3.4 J+	3.2 J+	48	39	10 J+	10 J+	11	11	84 J+	82 J+	370000 J+
CC06_082415	Gold King Adit	ug/L	8/24/15	32000	31000	2.4	0.57 J	42	6.4	6.9	7.9	8.2	9.3 J+	60	69	380000
CC06_082615	Gold King Adit	ug/L	8/26/15	30000	30000	2.4	0.53 J	15	1.8	7	8.2	8.5	9.2	55	65	340000
CC06_083115	Gold King Adit	ug/L	8/31/15	29000	29000	3.3	0.67 J *	42	3.4	11	10 ^	11	10	76	76	370000
CC06_090315	Gold King Adit	ug/L	9/3/15	32000 ^	28000	2.4	0.42 J	33	4.5	7.6	8	7.7	7.9	56	60	390000
CC48_0600	Cement Creek upstream of Silverton	ug/L	8/6/15	10100		2.5 U		2.5 U		25 U		3.55 J		14.2		156000
CC48_080815	Cement Creek upstream of Silverton	ug/L	8/8/15	6940		2.5 U		11		28.8 J		2 U		9.5		139000
CC48_081015	Cement Creek upstream of Silverton	ug/L	8/10/15	7800	7000 J-	0.4 U	0.4 UJ	5.2	0.37 UJ	17	15 J-	1.8	1.6 J-	9.2	8.4 J-	170000
CC48_081115	Cement Creek upstream of Silverton	ug/L	8/11/15	8900	8000	0.4 U	0.4 U	4.6	0.37 U	26	17	1.8	1.7	9.2	9.4	170000
CC48_081215	Cement Creek upstream of Silverton	ug/L	8/12/15	7200	7000	0.4 U	0.4 U	4.5	0.37 U	16	15	1.6	1.6	9.6	9.7	160000
CC48_081315	Cement Creek upstream of Silverton	ug/L	8/13/15	8600	7500	1.2	0.4 U	16	0.37 U	24	16	1.8	1.7	9.4	9.8	160000
CC48_081415	Cement Creek upstream of Silverton	ug/L	8/14/15	7600	7800	0.4 U	0.4 U	0.37 U	6.3	16	19	1.5	1.5	9.7	9.9	180000
CC48_081515	Cement Creek upstream of Silverton	ug/L	8/15/15	7700	8100	0.4 U	0.4 U	0.37 U	5.6	16	18	1.5	1.6	10	10	180000
CC48_081615	Cement Creek upstream of Silverton	ug/L	8/16/15	7300	7800	0.4 U	0.4 U	4.8	1 J+	15	15	1.6	1.9 J+	9.4	8.9	170000
CC48_081715	Cement Creek upstream of Silverton	ug/L	8/17/15	7700	7600	0.4 U	0.4 U	5.2	1.1 J+	15	15	1.7	1.8 J+	9.8	8.9	180000
CC48_081715D	Cement Creek upstream of Silverton	ug/L	8/17/15	7800	7600	0.4 U	0.4 U	5.3	1.7 J+	15	15	1.7	1.9 J+	9.7	9.2	180000
CC48_081815_1250	Cement Creek upstream of Silverton	ug/L	8/18/15	7700	7800	0.4 U	0.4 U	0.37 U	8.7	15	17	1.7	1.7	10	9.9	170000
CC48_081915	Cement Creek upstream of Silverton	ug/L	8/19/15	7700	8000	0.4 U	0.4 U	0.37 U	8.3	15	18	1.5 ^	1.5 ^	10	10	180000
CC48_082015	Cement Creek upstream of Silverton	ug/L	8/20/15	12000	7700	1.3	0.4 U	14	0.37 U	59	19	2	1.8	11	11	180000
CC48_082015D	Cement Creek upstream of Silverton	ug/L	8/20/15	12000	7800	1.3	0.4 U	15	0.37 U	56	19	1.9	1.8	11	11	180000
CC48_082115	Cement Creek upstream of Silverton	ug/L	8/21/15	7300	7500	0.4 U	0.4 U	0.37 U	7.5	15	17	1.6	1.7	8.7	8.8	170000
CC48_082215	Cement Creek upstream of Silverton	ug/L	8/22/15	7500	7400	0.4 U	0.4 U	5.8 J	0.37 UJ	15	14	1.7	1.7	9.2	9.5	170000
CC48_082215D	Cement Creek upstream of Silverton	ug/L	8/22/15	7100	7900	0.4 U	0.4 U	0.37 UJ	6.5 J	14	15	1.6	1.8	9.3	10	170000
CC48_082315	Cement Creek upstream of Silverton	ug/L	8/23/15	7700	7500	0.4 U	0.4 U	7.7	1.9	16	15	1.3	1.3	9.2	9.6	170000
CC48_082415	Cement Creek upstream of Silverton	ug/L	8/24/15	8700	7900	0.4 U	0.4 U	7.2	0.37 UB	21	15	1.4	1.5 J+	9.6	9.8	190000
CC48_082515	Cement Creek upstream of Silverton	ug/L	8/25/15	8700	8100	0.44	0.4 U	6.5	0.37 U	18	14	1.6	1.6	9.2	9.2	180000
CC48_082615	Cement Creek upstream of Silverton	ug/L	8/26/15	7900	7700	0.4 U	0.4 U	4.7	0.37 U	17	14	1.3	1.4	8.9	9	180000
CC48_082715	Cement Creek upstream of Silverton	ug/L	8/27/15	8000	7800	0.4 U	0.4 U	5.5	0.37 U	15	14	1.7	1.7	9.4	9.2	180000
CC48_082815	Cement Creek upstream of Silverton	ug/L	8/28/15	7900 B	7800	0.4 U	0.4 U	6.5	0.37 U	14	13	1.7	1.6	9.8	9.6 B	190000
CC48_083015	Cement Creek upstream of Silverton	ug/L	8/30/15	7000	6700	0.4 U *	0.4 U *	5.2	0.37 U	14	14	1.5	1.5	9.3 B	9.3 B	180000
CC48_083115	Cement Creek upstream of Silverton	ug/L	8/31/15	7000	6900	0.4 U	0.4 U	6.7 B	0.85 J	14	13	1.5	1.4	8.5	8.5	180000
CC48_090115	Cement Creek upstream of Silverton	ug/L	9/1/15	7300	7100	0.4 U *	0.4 U *	6.1	0.37 U	15	15 ^	1.7	1.7	9.6	9.7	180000 B
CC48_090215	Cement Creek upstream of Silverton	ug/L	9/2/15	7200	7100	0.4 U * ^	0.4 U * ^	5.8 B	0.37 U	15	15	1.5	1.5	10	9.5 B	190000 B
CC48_090315	Cement Creek upstream of Silverton	ug/L	9/3/15	8200 ^	7400	0.4 U	0.4 U	7.2	1.1	14	14	1.3	1.2	9.4	9	200000
CC48_1300	Cement Creek upstream of Silverton	ug/L	8/6/15	7970		10.2		1.5 U		61.9		3.6 J		14.9		154000
CC48_1925	Cement Creek upstream of Silverton	ug/L	8/5/15	23900		2.5 U		2.5 U		439 J		9.29		30.6		190000
CC48_2300	Cement Creek upstream of Silverton	ug/L	8/5/15	28700		2.5 U		2.5 U		25 U		10 U		19.1		167000
RBEffluent_082115	RB treatment pond effluent	ug/L	8/21/15		27000		0.4 U		0.58 J		11 J+		8.6 J+		87 J+	
RBEffluent_082215	RB treatment pond effluent	ug/L	8/22/15	24000	21000	0.83 J+	0.48 J+	9.5	0.49 J	10 J+	9.8 J+	8.1	7.5	83 J+	85 J+	340000 J+
RBEffluent_082615	RB treatment pond effluent	ug/L	8/26/15	29000	28000	1.5	0.4 U	8.6	0.51 J F1	8.5	8.8	8.1	8.7	62	71	360000
RBEffluent_083115	RB treatment pond effluent	ug/L	8/31/15	17000	15000	0.51 J	0.4 U	5.9	0.52 J	9.7	9.6	6.8	6	80	79	430000
RBEffluent_090315	RB treatment pond effluent	ug/L	9/3/15	20000 ^	9900	1.2	0.4 U	14	1.9	10	9.7	6.5	3.6	75 B	72	470000 B

U: analyte not detected at or above MDL

J+: estimated value, potential high bias

J: estimated value

Blank spaces: analyte not analyzed for

B: analyte found in method blank

Samp_No	LocationDescription	Units	SampleDate	Calcium, Dissolved	Chromium	Chromium, Dissolved	Cobalt	Cobalt, Dissolved	Copper	Copper, Dissolved	Iron	Iron, Dissolved	Lead	Lead, Dissolved	Magnesium	Magnesium, Dissolved	
CC03B_082215	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	8/22/15	83000	1 U	1 U	2	3	110	110	280	230	8.5	7.6	6300	6400	
CC03B_090315	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	9/3/15	86000	1 U	1 U	2.7	3.5	150	140	310	230	9.4	8.3	7400	6700	
GKMSW09_081015	Gold King Adit	ug/L	8/10/15	380000 J-	5.7	2.7 J-	120	110 J-	6300	6000 J-	190000	120000 J-	51	32 J-	28000	33000 J-	
GKMSW09_081315	Gold King Adit	ug/L	8/13/15	360000	7	8.6	110	110	6000	6100	310000	370000	69	78	28000	26000	
GKMSW09_081515	Gold King Adit	ug/L	8/15/15	370000	3	5.5	110	110	4600	4600	120000	150000	29	42	27000	27000	
GKMSW09_081715	Gold King Adit	ug/L	8/17/15	370000	5 U	5 U	110	110	6800	6800	140000	110000	36	27	26000	26000	
CC06_081915	Gold King Adit	ug/L	8/19/15	370000	4.6 ^	2.5 ^	100 ^	100 ^	5600 E	5600 E	140000	110000	41	28	25000	26000	
CC06_082215	Gold King Adit	ug/L	8/22/15	370000	5.2	4.6	120	120	6300	5900	140000	130000	41	38	27000	27000	
CC06_082415	Gold King Adit	ug/L	8/24/15	370000	4.2	2.9	120	120	6100	6600	140000	97000	38	25	27000	26000	
CC06_082615	Gold King Adit	ug/L	8/26/15	370000	4.1	2.5	110	120	5800 E	6200 E	120000	100000	36	28	23000	25000	
CC06_083115	Gold King Adit	ug/L	8/31/15	350000 B	4.6	2.5	110	100	5800 E	5600 E	120000	93000	41	30	26000	24000	
CC06_090315	Gold King Adit	ug/L	9/3/15	360000	4.5	2.7	120	120	6200 E	6800	130000	97000	37	26	28000	26000	
CC48_0600	Cement Creek upstream of Silverton	ug/L	8/6/15		5 U		29.8		786		130000		536 J		11300		
CC48_080815	Cement Creek upstream of Silverton	ug/L	8/8/15		5 U		24.2		437		14700		27.6		9440		
CC48_081015	Cement Creek upstream of Silverton	ug/L	8/10/15	160000 J-	1 U	1 UJ	28	26 J-	440	400 J-	16000	11000 J-	43	28 J-	10000	9300 J-	
CC48_081115	Cement Creek upstream of Silverton	ug/L	8/11/15	170000	1 U	1 U	28	29	430	440	17000	8900	82	41	10000	10000	
CC48_081215	Cement Creek upstream of Silverton	ug/L	8/12/15	160000	1 U	1 U	27	28	380	380	12000	7000	42	33	9800	9900	
CC48_081315	Cement Creek upstream of Silverton	ug/L	8/13/15	170000	1.1 J	1 U	27	28	410	380	31000	6000	87	28	10000	10000	
CC48_081415	Cement Creek upstream of Silverton	ug/L	8/14/15	180000	1 U	1 U	26	27	410	430	7100	14000	26	45	10000	10000	
CC48_081515	Cement Creek upstream of Silverton	ug/L	8/15/15	190000	1 U	1 U	26	28	420	440	8000	14000	24	39	10000	10000	
CC48_081615	Cement Creek upstream of Silverton	ug/L	8/16/15	170000	1 U	1 U	26	30	390	460	12000	8100	24	17	9800	10000	
CC48_081715	Cement Creek upstream of Silverton	ug/L	8/17/15	170000	1 U	1 U	27	31	400	460	14000	7900	25	16	10000	10000	
CC48_081715D	Cement Creek upstream of Silverton	ug/L	8/17/15	170000	1 U	1 U	27	30	410	460	14000	8000	25	16	10000	10000	
CC48_081815_1250	Cement Creek upstream of Silverton	ug/L	8/18/15	180000	1 U	1 U	30	28	440	450	6300	19000	20	34	10000	11000	
CC48_081915	Cement Creek upstream of Silverton	ug/L	8/19/15	180000	1 U	1 U	29	28	400	410	5600	14000	24	70	10000	11000	
CC48_082015	Cement Creek upstream of Silverton	ug/L	8/20/15	190000	2.1	1 U	31	30	460	460	23000	4800	380	73	12000	11000	
CC48_082015D	Cement Creek upstream of Silverton	ug/L	8/20/15	190000	2	1 U	31	30	470	460	23000	4900	380	73	12000	11000	
CC48_082115	Cement Creek upstream of Silverton	ug/L	8/21/15	170000	1 U	1 U	28	25	340	340	6600	14000	30	49	10000	9900	
CC48_082215	Cement Creek upstream of Silverton	ug/L	8/22/15	170000	1 U	1 U	27	28	380	370	13000 J	6800 J	30	25	10000	10000	
CC48_082215D	Cement Creek upstream of Silverton	ug/L	8/22/15	180000	1 U	1 U	28	30	370	400	6700 J	14000 J	24	31	10000	11000	
CC48_082315	Cement Creek upstream of Silverton	ug/L	8/23/15	180000	1 U	1 U	29	31	400	420	14000	8300	38	25	10000	11000	
CC48_082415	Cement Creek upstream of Silverton	ug/L	8/24/15	190000	1 U	1 U	30	31	440	450	16000	5500	65	25	11000	11000	
CC48_082515	Cement Creek upstream of Silverton	ug/L	8/25/15	200000	1 U	1 U	30	31	460	460	19000	7800	52	20	12000	12000	
CC48_082615	Cement Creek upstream of Silverton	ug/L	8/26/15	180000	1 U	1 U	28	29	400	400	14000	6700	32	19	11000	11000	
CC48_082715	Cement Creek upstream of Silverton	ug/L	8/27/15	180000	1 U	1 U	28	30	380	400	13000	6500	25	20	12000	12000	
CC48_082815	Cement Creek upstream of Silverton	ug/L	8/28/15	190000 B	1 U	1 U	29	28	420	390	14000 B	7100	25	20	11000	11000	
CC48_083015	Cement Creek upstream of Silverton	ug/L	8/30/15	180000	1 U	1 U	29	29	300	290	11000	6300	18	16	10000	10000	
CC48_083115	Cement Creek upstream of Silverton	ug/L	8/31/15	180000	1.1 J B	1 U ^	31	32	330	330	12000	6200	19	13	10000	10000	
CC48_090115	Cement Creek upstream of Silverton	ug/L	9/1/15	180000 B	1 U	1 U	29	31	330	340	13000	6600	18	15	11000	11000	
CC48_090215	Cement Creek upstream of Silverton	ug/L	9/2/15	190000 B	1 U	1 U	30	31	310	310	13000	6900	19	15	11000	11000	
CC48_090315	Cement Creek upstream of Silverton	ug/L	9/3/15	190000	1 U	1 U	31	30	360	340	13000	6500	19	15	13000	11000	
CC48_1300	Cement Creek upstream of Silverton	ug/L	8/6/15		2 U		34.8		602		16200		43.5		23300		
CC48_1925	Cement Creek upstream of Silverton	ug/L	8/5/15		5 U		54.4		2260		27000		73.9		15400		
CC48_2300	Cement Creek upstream of Silverton	ug/L	8/5/15		5 U		39.1		1130		21300		54.1		15000		
RBEffluent_082115	RB treatment pond effluent	ug/L	8/21/15	340000		1 U		110		4500		59000		25		25000	
RBEffluent_082215	RB treatment pond effluent	ug/L	8/22/15	370000	1.5 J	1 U	110	110	4600	4400	71000	56000	25	7.5	35000	35000	
RBEffluent_082615	RB treatment pond effluent	ug/L	8/26/15	350000	3.1	1 U	110	110	5300 E	5300 E	91000	59000	41	19	32000	31000	
RBEffluent_083115	RB treatment pond effluent	ug/L	8/31/15	420000	1 U	1 U	100	96	3900 E	3700 E	52000	42000	7.2	2.7	26000	25000	
RBEffluent_090315	RB treatment pond effluent	ug/L	9/3/15	410000	1.6 J	1 U	100	100	3500	2900	67000	38000	16	1.4	31000 ^	27000	

U: analyte not detected at or above MDL

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J: estimated value

Blank spaces: analyte not analyzed for

B: analyte found in method blank

Samp_No	LocationDescription	Units	SampleDate	Manganese	Manganese, Dissolved	Molybdenum	Molybdenum, Dissolved	Nickel	Nickel, Dissolved	Potassium	Potassium, Dissolved	Selenium	Selenium, Dissolved	Silver	Silver, Dissolved	Sodium	
CC03B_082215	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	8/22/15	2600	2600	0.45 U	0.45 U	6.8	7.1	560 J	560 J	3.6 J+	1.8 J+	0.1 U	0.1 U	1700	
CC03B_090315	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	9/3/15	2600	2600	0.45 U	0.45 U	12	11	750 J ^	610 J	1.7 J B * ^	1.1 J	0.1 U	0.1 U	2600	
GKMSW09_081015	Gold King Adit	ug/L	8/10/15	34000	33000 J-	4.8	0.84 J-	74	72 J-	2900	2700 J-	2.5 J+	0.58 UJ	0.15 J	0.1 UJ	4000	
GKMSW09_081315	Gold King Adit	ug/L	8/13/15	35000	34000	14	16	70	69	2700	2700	4.3	4.8	0.3 J	0.33 J	4800 U	
GKMSW09_081515	Gold King Adit	ug/L	8/15/15	36000	36000	0.77 J	4.2	72	69	2500	2400	0.58 U	0.58 U	0.1 U	0.1 J	5200	
GKMSW09_081715	Gold King Adit	ug/L	8/17/15	39000	40000	5.8	2.3 U	79	79	2600	2600	3.8 J	2.9 U	0.5 U	0.5 U	5300	
CC06_081915	Gold King Adit	ug/L	8/19/15	32000 E	32000 E	6	1.7	63	64	2600	2600	8.3 B ^	11 B ^	0.16 J ^	0.1 U ^	480 U	
CC06_082215	Gold King Adit	ug/L	8/22/15	38000	35000	5.4 J+	4.5 J+	67	63	2600	2500	2.4 J+	5.3 J+	0.1 J+	0.1 U	480 U	
CC06_082415	Gold King Adit	ug/L	8/24/15	35000	36000	3.5	0.76 J	71	80	2700 J+	2600 J+	7 J	2.5	0.1 U	0.1 U	870 J+	
CC06_082615	Gold King Adit	ug/L	8/26/15	34000 E	36000 E	3.3	0.65 J	65	68	2400	2600	0.58 U	0.58 U	0.1 U	0.1 U	480 U	
CC06_083115	Gold King Adit	ug/L	8/31/15	33000 E	32000 E	5.2	0.97 J	64	61	2200	2200 *	6.3 B ^	11 B ^ *	0.1 J	0.1 U	4800 U	
CC06_090315	Gold King Adit	ug/L	9/3/15	36000 E	36000	3.5	0.54 J	78	75	3000 ^	2100	1.8 J B * ^	1.1 J	0.1 U	0.1 U	1000	
CC48_0600	Cement Creek upstream of Silverton	ug/L	8/6/15	6540		5 U		14.8		2470		5 U		2.53 J		3690	
CC48_080815	Cement Creek upstream of Silverton	ug/L	8/8/15	5450		5 U		8.61		1790		5 U		2.5 U		3620	
CC48_081015	Cement Creek upstream of Silverton	ug/L	8/10/15	5300	4900 J-	0.49 J	0.45 UJ	18	17 J-	1800	1600 J-	0.58 UB	0.58 UJ	0.1 U	0.1 UJ	3700	
CC48_081115	Cement Creek upstream of Silverton	ug/L	8/11/15	5500	5700	0.67 J	0.45 U	18	18	2100	1800	0.58 U	0.58 U	0.17 J	0.1 U	5100	
CC48_081215	Cement Creek upstream of Silverton	ug/L	8/12/15	5300	5400	0.62 J	0.45 U	17	17	1700	1700	1.4 J	0.58 U	0.1 U	0.1 U	5900	
CC48_081315	Cement Creek upstream of Silverton	ug/L	8/13/15	5600	5600	2.2	0.45 U	18	19	2200	1800	1.8 J	0.58 UB	0.39 J	0.1 U	8200	
CC48_081415	Cement Creek upstream of Silverton	ug/L	8/14/15	5400	5600	0.45 U	0.52 J	17	18	1700	1800	0.58 U	0.58 U	0.1 U	0.1 U	5600	
CC48_081515	Cement Creek upstream of Silverton	ug/L	8/15/15	5500	5800	0.45 U	0.51 J	17	18	1800	1900	0.58 U	0.58 U	0.1 U	0.1 U	4500	
CC48_081615	Cement Creek upstream of Silverton	ug/L	8/16/15	5600	6000	0.45 U	0.45 U	19	20	1700	1800	0.58 U	0.58 U	0.1 U	0.1 U	4300	
CC48_081715	Cement Creek upstream of Silverton	ug/L	8/17/15	5900	6100	0.51 J	0.45 U	19	20	1800	1800	0.58 U	0.58 U	0.1 U	0.1 U	4500	
CC48_081715D	Cement Creek upstream of Silverton	ug/L	8/17/15	5900	6000	0.51 J	0.45 U	19	20	1800	1700	0.58 U	0.58 J	0.1 U	0.1 U	4400	
CC48_081815_1250	Cement Creek upstream of Silverton	ug/L	8/18/15	5900	5900	0.45 U	0.89 J	20	19	2000 J+	1900	3 J+	4.8 J+	0.1 U	0.11 J	5600	
CC48_081915	Cement Creek upstream of Silverton	ug/L	8/19/15	5800 E	5800 E	0.45 U	0.88 J	19 ^	19 ^	2000	2200	4.1 B ^	2.8 B ^	0.1 U	0.17 J	6800	
CC48_082015	Cement Creek upstream of Silverton	ug/L	8/20/15	6500	6300	2.5	0.45 U	21	20	3400	2000	0.58 U	3.8 J+	1	0.1 U	6700	
CC48_082015D	Cement Creek upstream of Silverton	ug/L	8/20/15	6400	5800	2.2	0.45 U	21	19	3200	2000	0.58 U	3.6 J+	1	0.1 U	6700	
CC48_082115	Cement Creek upstream of Silverton	ug/L	8/21/15	5600	5600	0.45 U	0.78 J	17	17	1900	1900 J+	0.58 U	0.58 UJ	0.1 U	0.12 J	6000	
CC48_082215	Cement Creek upstream of Silverton	ug/L	8/22/15	5900	6000	0.59 J	0.45 U	17	18	1900	1900 J+	0.58 UJ	0.58 UJ	0.1 U	0.1 U	5500	
CC48_082215D	Cement Creek upstream of Silverton	ug/L	8/22/15	5800	6400	0.45 U	0.74 J	17	19	1800	2000 J+	0.58 UJ	0.58 UJ	0.1 U	0.1 U	5400	
CC48_082315	Cement Creek upstream of Silverton	ug/L	8/23/15	5900	6000	1	0.56 J	25	28	1900	1900	0.83 J	1.2 J	0.13 J	0.1 U	4900	
CC48_082415	Cement Creek upstream of Silverton	ug/L	8/24/15	6400	6700	0.88 J	0.45 U	23	25	2400 J+	2000 J+	4.6 J	0.58 U	0.16 J	0.1 U	5400 J+	
CC48_082515	Cement Creek upstream of Silverton	ug/L	8/25/15	6500	6400	0.95	0.45 U	21	21	2100	1900	0.58 U	0.58 U	0.24	0.1 U	4400	
CC48_082615	Cement Creek upstream of Silverton	ug/L	8/26/15	6200 E	6300 E	0.58 J	0.45 U	21	21	2000	1900	0.58 U	0.58 U	0.1 U	0.1 U	4200	
CC48_082715	Cement Creek upstream of Silverton	ug/L	8/27/15	5800	6100	0.62 J	0.45 U	19	19	2000	2000	4	1.9 J	0.1 U	0.1 U	4100	
CC48_082815	Cement Creek upstream of Silverton	ug/L	8/28/15	6000 E	5700 E	0.66 J	0.45 U	19	19	2000	2100 *	0.64 J	0.58 U	0.1 U	0.1 U	3900	
CC48_083015	Cement Creek upstream of Silverton	ug/L	8/30/15	5800 E	5700 E	0.56 J	0.45 U	19	18	1900	1900	4.6 B ^	4.5 B ^	0.1 U	0.1 U	4000	
CC48_083115	Cement Creek upstream of Silverton	ug/L	8/31/15	6400 E	6500 E	0.49 J	0.45 U	24	23	1900	1900	0.58 U	0.58 U	0.1 U	0.1 U	4000	
CC48_090115	Cement Creek upstream of Silverton	ug/L	9/1/15	6000 E	6100 E	0.59 J	0.45 U	18	20	2000 *	1800 *	6.3 B ^ *	7.9 B ^ *	0.1 U	0.1 U	3500	
CC48_090215	Cement Creek upstream of Silverton	ug/L	9/2/15	6400 E	6400 E	0.5 J	0.45 U	24	25	2000	2000 *	9.1 B ^	5.1 B ^	0.1 U	0.1 U	3800	
CC48_090315	Cement Creek upstream of Silverton	ug/L	9/3/15	6500 E	6300 E	0.5 J	0.45 U	28	26	2500 ^	1900	1.4 J B * ^	0.58 U	0.1 U	0.1 U	4700	
CC48_1300	Cement Creek upstream of Silverton	ug/L	8/6/15	9060		8.2		33.2		1770		3.4 U		12.7		3650	
CC48_1925	Cement Creek upstream of Silverton	ug/L	8/5/15	11900		5 U		28.8		2160		5 U		2.5 U		4450 J	
CC48_2300	Cement Creek upstream of Silverton	ug/L	8/5/15	8270		5 U		20.8		5220		10.1 J		2.5 U		3940 J	
RBEffluent_082115	RB treatment pond effluent	ug/L	8/21/15		31000		0.72 J+		62		4500 J+		19 J+		0.1 U		
RBEffluent_082215	RB treatment pond effluent	ug/L	8/22/15	33000	33000	1.6 J+	0.68 J+	64	62	3100	3100	6.4 J+	5.8 J+	0.1 U	0.1 U	36000	
RBEffluent_082615	RB treatment pond effluent	ug/L	8/26/15	33000 E	33000 E	2.2	0.45 U	66	66	2500	2400 F1	0.58 U	0.58 U F1	0.13 J	0.1 U	600 J	
RBEffluent_083115	RB treatment pond effluent	ug/L	8/31/15	32000 E	31000 E	1.4	0.78 J	59	57	2100	2300	5.1 B ^	7.1 B ^	0.1 U	0.1 U	4800 U	
RBEffluent_090315	RB treatment pond effluent	ug/L	9/3/15	34000	33000	2.2	0.45 U	57	68	3400 ^ *	2400	5.1 B ^	1.7 J	0.1 U	0.1 U	2800 ^	

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Blank spaces: analyte not analyzed for

B: analyte found in method blank

Samp_No	LocationDescription	Units	SampleDate	Sodium, Dissolved	Thallium	Thallium, Dissolved	Vanadium	Vanadium, Dissolved	Zinc	Zinc, Dissolved
CC03B_082215	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	8/22/15	1900	0.1 U	0.1 U	0.3 U	0.3 U	2900	2900
CC03B_090315	Cement Creek immediately upstream of Red and Bonita confluence	ug/L	9/3/15	2300	0.1 U	0.1 U	0.42 J B ^	0.38 J B	3900 E	3800 E
GKMSW09_081015	Gold King Adit	ug/L	8/10/15	3900 J-	0.33	0.32 J-	44	2 J-	27000	25000 J-
GKMSW09_081315	Gold King Adit	ug/L	8/13/15	480 U	0.35	0.35	71	87	26000	26000
GKMSW09_081515	Gold King Adit	ug/L	8/15/15	5300	0.29	0.29	2.5	38	20000	20000
GKMSW09_081715	Gold King Adit	ug/L	8/17/15	5500	0.5 U	0.5 U	34	3.5 J	36000	37000
CC06_081915	Gold King Adit	ug/L	8/19/15	480 U	0.29	0.29	32	2.6	21000 E ^	22000 ^ E
CC06_082215	Gold King Adit	ug/L	8/22/15	480 U	0.31	0.3	36	29	26000	25000
CC06_082415	Gold King Adit	ug/L	8/24/15	980 J+	0.44	0.45	30 J+	0.3 U	28000	28000
CC06_082615	Gold King Adit	ug/L	8/26/15	480 U	0.33	0.49	26 B	2 B	25000 E	27000 E B *
CC06_083115	Gold King Adit	ug/L	8/31/15	4800 U	0.28	0.26 ^	30	1.2	24000 E	23000 E
CC06_090315	Gold King Adit	ug/L	9/3/15	930 J	0.26	0.25	24 B ^	1.4 B	26000 E	28000
CC48_0600	Cement Creek upstream of Silverton	ug/L	8/6/15		2.5 U		67.3		4650	
CC48_080815	Cement Creek upstream of Silverton	ug/L	8/8/15		2.5 U		10 U		3350	
CC48_081015	Cement Creek upstream of Silverton	ug/L	8/10/15	3500 J-	0.18 J	0.18 J-	2.8	0.3 UJ	3000	2700 J-
CC48_081115	Cement Creek upstream of Silverton	ug/L	8/11/15	5100	0.24	0.19 J	6	0.3 U	3000	3100
CC48_081215	Cement Creek upstream of Silverton	ug/L	8/12/15	6000	0.19 J	0.19 J	3.1	0.3 U	2800	2800
CC48_081315	Cement Creek upstream of Silverton	ug/L	8/13/15	8200	0.26	0.2	11	0.3 U	3000	3100
CC48_081415	Cement Creek upstream of Silverton	ug/L	8/14/15	5500	0.2	0.22	0.3 U	3.7	3100	3200
CC48_081515	Cement Creek upstream of Silverton	ug/L	8/15/15	4500	0.2	0.22	0.3 U	3.1	3200	3300
CC48_081615	Cement Creek upstream of Silverton	ug/L	8/16/15	4100	0.17 J	0.14 J	2.8	0.3 U	2900	3100
CC48_081715	Cement Creek upstream of Silverton	ug/L	8/17/15	4100	0.19 J	0.18 J	3.1	0.3 U	3000	3200
CC48_081715D	Cement Creek upstream of Silverton	ug/L	8/17/15	4100	0.19 J	0.15 J	3	0.3 U	3100	3300
CC48_081815_1250	Cement Creek upstream of Silverton	ug/L	8/18/15	6000	0.19 J	0.21	0.3 U	5.6	3200	3200
CC48_081915	Cement Creek upstream of Silverton	ug/L	8/19/15	6800	0.21	0.22	0.3 U	4.7	2900	2900
CC48_082015	Cement Creek upstream of Silverton	ug/L	8/20/15	6700	0.4	0.2	15	0.3 U	3500	3400
CC48_082015D	Cement Creek upstream of Silverton	ug/L	8/20/15	7000	0.38	0.2	15	0.3 U	3500	3400
CC48_082115	Cement Creek upstream of Silverton	ug/L	8/21/15	6000	0.19 J	0.21	0.3 U	4.8	3000	2900
CC48_082215	Cement Creek upstream of Silverton	ug/L	8/22/15	5600	0.21	0.19 J	3.8 J	0.3 UJ	3200	3200
CC48_082215D	Cement Creek upstream of Silverton	ug/L	8/22/15	5800	0.19 J	0.21	0.3 UJ	4 J	3100	3400
CC48_082315	Cement Creek upstream of Silverton	ug/L	8/23/15	4900	0.1 J	0.1 U	4.1	0.93 J	3300	3400
CC48_082415	Cement Creek upstream of Silverton	ug/L	8/24/15	5500 J+	0.27	0.23	6 J+	0.3 U	3700	3700
CC48_082515	Cement Creek upstream of Silverton	ug/L	8/25/15	4500	0.25	0.19	5.4	0.68	3700	3700
CC48_082615	Cement Creek upstream of Silverton	ug/L	8/26/15	4200	0.22	0.2	3.8 B	0.58 J B	3400	3400 B *
CC48_082715	Cement Creek upstream of Silverton	ug/L	8/27/15	4300	0.21	0.2	3	0.3 U	3200	3300
CC48_082815	Cement Creek upstream of Silverton	ug/L	8/28/15	3900	0.21	0.19 J	3.9	0.3 U	3300	3200
CC48_083015	Cement Creek upstream of Silverton	ug/L	8/30/15	4000	0.21	0.21	3	0.3 U	3100	3100
CC48_083115	Cement Creek upstream of Silverton	ug/L	8/31/15	4100	0.22	0.22	4.1 B ^ *	0.84 J B ^ *	3200	3300
CC48_090115	Cement Creek upstream of Silverton	ug/L	9/1/15	3700	0.21	0.21 ^	3.7	0.3 U	3200	3300
CC48_090215	Cement Creek upstream of Silverton	ug/L	9/2/15	3900	0.22	0.24	1 B ^	0.3 U L	3300	3300
CC48_090315	Cement Creek upstream of Silverton	ug/L	9/3/15	4100	0.22	0.21	2.7 B ^	0.42 J B	3500	3400
CC48_1300	Cement Creek upstream of Silverton	ug/L	8/6/15		0.2 J		0.4 U		4830	
CC48_1925	Cement Creek upstream of Silverton	ug/L	8/5/15		2.5 U		10 U		8060	
CC48_2300	Cement Creek upstream of Silverton	ug/L	8/5/15		5 U		10 U		5400	
RBEffluent_082115	RB treatment pond effluent	ug/L	8/21/15	51000		0.57		0.3 U		24000
RBEffluent_082215	RB treatment pond effluent	ug/L	8/22/15	36000	0.3	0.3	9.3	0.3 U	23000	23000
RBEffluent_082615	RB treatment pond effluent	ug/L	8/26/15	620 J	0.44	0.31	15 B	0.72 J B	24000 E	24000 E B *
RBEffluent_083115	RB treatment pond effluent	ug/L	8/31/15	4800 U	0.26	0.25	4.1	0.3 U	22000 E	21000 E
RBEffluent_090315	RB treatment pond effluent	ug/L	9/3/15	2600	0.27	0.23	10	0.33 J B	23000	24000

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